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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Peter B. Reiner, Bruce P. Connop, and Michelle Pollard
Application No. : 10/072,621
Filed : February 8, 2002
For : REGULATION OF AMYLOID PRECURSOR PROTEIN
EXPRESSION BY MODIFICATION OF ABC TRANSPORTER
EXPRESSION OR ACTIVITY

Examiner : NICHOLS, Christopher J.
Art Unit : 1647
Docket No. : 100103.402
Date : January 27, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

THIRD SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the U.S. Patent and Trademark Office the 8 references set forth on the attached Form PTO-1449 (copies of the cited references are enclosed). As to any reference supplied, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Please acknowledge receipt of this Third Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

A fee of \$180 is submitted in accordance with 37 C.F.R. § 1.97(c). The Director is authorized to charge any other fees which may be required, or credit any overpayment to Deposit Account No. 19-1090.

Respectfully submitted,
Seed Intellectual Property Law Group PLLC



Mae Joanne Rosok
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Enclosures:

Third Supplemental IDS
Form PTO-1449 (1 sheet)
Cited References (8)

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FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

100103.402

APPLICATION NO.

10/072,621

**THIRD SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

APPLICANTS

Peter B. Reiner et al.

FILING DATE

February 8, 2002

GROUP ART UNIT

1647

U.S. PATENT DOCUMENTS

| *EXAMINER INITIALS | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-----------------------|-----------------|----------|-------------|-------|----------|-------------------------------|
| AA | US 2003/0027259 | 02/06/03 | Chen et al. | 435 | 69.1 | |
| AB | | | | | | |
| AC | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION | |
|--|----|-----------------|----------|---------|-------------|----|
| | | | | | YES | NO |
| | AD | WO 02/070691 | 09/12/02 | WIPO | | |
| | AE | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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| AF | Annilo et al., "Human and mouse orthologs of a new ATP-binding cassette gene, ABCG4," <i>Cytogenetics and Cell Genetics</i> 94:196-201, 2001. |
| AG | Broccardo et al., "The ABCA subclass of mammalian transporters," <i>Biochimica et Biophysica Acta</i> 1461:395-404, 1999. |
| AH | Buxbaum et al., "Processing of Alzheimer β /A4 amyloid precursor protein: Modulation by agents that regulate protein phosphorylation," <i>Proc. Natl. Acad. Sci. USA</i> 87:6003-6006, August 1990. |
| AI | Serres et al., "RU486 and Calcium Fluxes in Human Spermatozoa," <i>Biochemical and Biophysical Research Communications</i> 204(3):1009-1015, November 15, 1994. |
| AJ | Troffer-Charlier et al., "Mirror expression of adrenoleukodystrophy and adrenoleukodystrophy related genes in mouse tissues and human cell lines," <i>European Journal of Cell Biology</i> 75:254-264, March 1998. |
| AK | Zhang et al., "The expression and functional characterization of ABCG2 in brain endothelial cells and vessels," <i>The FASEB Journal</i> 17:2085-2087, November 2003. |
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EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).